



## Symmetry Home Information Sheet

### Second Level (a)



*I can illustrate the lines of symmetry for a range of 2D shapes and apply my understanding to create and complete symmetrical pictures and patterns. MTH 2-19a*

Over the next few weeks we are going to be learning to:

- Recognise symmetry in shapes, pictures or patterns.
- Identify and draw the lines of symmetry on a given 2D shape, picture or pattern.
- Complete symmetrical patterns with two lines of symmetry.
- Create my own symmetrical pictures and patterns.

Here are some ideas of how you can help me at home!

**Symmetry in nature:** Ask children to look at the living world around them to find examples of symmetry in plants and animals. They could then photograph or sketch their findings to bring back into school to show to their classmates.

**Crest Design:** Ask children to design and draw a symmetrical crest for their class base at school. Children could then bring their completed designs into school for display outside the class base.

Here are some websites that you may find useful to use with me!

<http://www.primaryresources.co.uk/online/reflection.swf> Create your own symmetrical design.

<http://www.mathsisfun.com/geometry/symmetry-artist.html> Create your own design with the help of the magic mirror!